

Commonwealth of Massachusetts

Title 5 Official Inspection Form

Subsurface Sewage Disposal System Form - Not for Voluntary Assessments

20 Ranch Club Road				
Property Address		я		
Brendan Reilly				
Owner's Name				
Southwick	MA	01077	11/7/2024	
City/Town	State	Zip Code	Date of Inspection	

Inspection results must be submitted on this form. Inspection forms may not be altered in any way. Please see completeness checklist at the end of the form.

Important: When filling out forms on the computer, use only the tab key to move your cursor - do not use the return key.





Inspector Information		
Brian J. Pranka Name of Inspector		
Brian Pranka Title 5 Inspections Company Name		
PO Box 779 Company Address		
Southwick	MA	01077
City/Town	State	Zip Code
413-569-5226	SI4237	
Telephone Number	License Number	

B. Certification

I certify that: I am a DEP approved system inspector in full compliance with Section 15.340 of Title 5 (310 CMR 15.000); I have personally inspected the sewage disposal system at the property address listed above; the information reported below is true, accurate and complete as of the time of my inspection; and the inspection was performed based on my training and experience in the proper function and maintenance of on-site sewage disposal systems. After conducting this inspection I have determined that the system:

2. Conditionally Passes

Needs Further Evaluation by the Local Approving Authority

4. 🔲 Fails

in pector's Signature

777720 Date

The system inspector shall submit a copy of this inspection report to the Approving Authority (Board of Health or DEP) within 30 days of completing this inspection. If the system has a design flow of 10,000 gpd or greater, the inspector and the system owner shall submit the report to the appropriate regional office of the DEP. The original form should be sent to the system owner and copies sent to the buyer, if applicable, and the approving authority.

Please note: This report only describes conditions at the time of inspection and under the conditions of use at that time. This inspection does not address how the system will perform in the future under the same or different conditions of use.



Commonwealth of Massachusetts

	Ranch Cl							
	perty Addres							
	endan Rei ner's Name	шу						
	uthwick			MA	01077	11/7/2024		
City	//Town			State	Zip Code	Date of Inspection		
C.	Inspe	ction Sun	nmary					
	Inspection	on Summary:	Complete 1, 2, 3, or	5 and all o	of 4 and 6.			
1)	System	Passes:						
	in 31					e failure criteria described teria not evaluated are		
	Commer	nts:						
	System in working condition at time of inspection. Information in this report document the conditions observed today and today only. There is NO expressed or implied warranty or guarantee of the system and how it will perform in the future. A change in flow conditions may affect the septic system and the inspection results. Improper use can adversly impact the short and long term performance of the system. The inspector is not responsible for the seller withholding and/or misrepresenting information given to the inspector.							
	5							
2)	System	Conditionally	y Passes:					
	repla		ed. The system, upo			nal Pass" section need to be cement or repair, as approved by		
		Check the box for "yes", "no" or "not determined" (Y, N, ND) for the following statements. If "not determined," please explain.						
	The septic tank is metal and over 20 years old* or the septic tank (whether metal or not) is structural unsound, exhibits substantial infiltration or exfiltration or tank failure is imminent. System will pass inspection if the existing tank is replaced with a complying septic tank as approved by the Board of Health.							
* A metal septic tank will pass inspection if it is structurally sound, not leaking and if a Certificate of Compliance indicating that the tank is less than 20 years old is available.								
	☐ Y	□N	☐ ND (Expla	in below):				



Commonwealth of Massachusetts

		ch Club Address	Road					
		n Reilly						
		Name		144	040	. 7 7	44/7/0004	
	uthw //Tow			MA State	010 Zip (Code	11/7/2024 Date of Inspection	
_			tion Summary (cont.)					
			, (,					
2)	Sy	stem C	onditionally Passes (cont.):					
			Chamber pumps/alarms not oper lalarms are repaired.	rational.	System	will pass	s with Board of Health ap	proval if
		to brok	vation of sewage backup or breaten or obstructed pipe(s) or due the spection if (with approval of Boa	o a brok	en, settle			
			broken pipe(s) are replaced		□ Y	□N	☐ ND (Explain below)	:
			obstruction is removed		□ Y	□ N	☐ ND (Explain below)	:
			distribution box is leveled or rep	placed	□ Y	□N	☐ ND (Explain below)	:
	-							
			stem required pumping more than will pass inspection if (with appr					(s). The
			broken pipe(s) are replaced		□ Y	□N	☐ ND (Explain below)	:
			obstruction is removed		□ Y	□N	☐ ND (Explain below):	:
	_							
3)	Fui	rther Ev	valuation is Required by the Bo	oard of I	Health:			
•			ions exist which require further e tem is failing to protect public he					nine if
		a. Sys 15.303	stem will pass unless Board of (1)(b) that the system is not fu	Health (determiı	nes in a	ccordance with 310 CM	R c health,



Commonwealth of Massachusetts

Title 5 Official Inspection Form Subsurface Sewage Disposal System Form - Not for Voluntary Assessments

	Ranch Clu					
	perty Address					
	endan Reill ner's Name	У				
	uthwick			MA	01077	11/7/2024
	/Town			State	Zip Code	Date of Inspection
_		tion S	Summary (cont.)			Date of inoperation
U .	mspec	don o	difficially (cont.)			
		Cessp	oool or privy is within 50 t	feet of a su	ırface water	
		Cessp	ool or privy is within 50 t	feet of a bo	ordering vegeta	ated wetland or a salt marsh
	deter	mines th	II fail unless the Board nat the system is functi vironment:			Vater Supplier, if any) protects the public health,
	100 fe	et of a s	urface water supply or tr	ibutary to	a surface wate	AS) and the SAS is within r supply. n a Zone 1 of a public water
	suppl	у.				n 50 feet of a private water
	☐ Ti more	ne syster from a pi	n has a septic tank and s rivate water supply well* o determine distance:		ne SAS is less	than 100 feet but 50 feet or
			<i></i>			
	coliform b	acteria ir than 5 pr	ndicates absent and the porm, provided that no other	presence o	of ammonia niti	certified laboratory, for fecal rogen and nitrate nitrogen is equal ered. A copy of the analysis must
	c. Other:					
					_	
4)	System F	ailure C	riteria Applicable to All	Systems	:	
	You must	t indicate	e "Yes" or "No" to eacl	h of the fo	llowing for <u>all</u>	inspections:
	Yes	No				
		\boxtimes	Backup of sewage in clogged SAS or cess		r system comp	onent due to overloaded or
		\boxtimes	Discharge or ponding due to an overloaded			of the ground or surface waters

4)



Commonwealth of Massachusetts

	Ranch Clu perty Address					
Bre	endan Reill					
	ner's Name uthwick			MA	01077	11/7/2024
City	/Town			State	Zip Code	Date of Inspection
C.	Inspec	tion S	ummary (cont.)			
4)	System F	ailure Cr	iteria Applicable to A	All Systems	s: (cont.)	
	Yes	No				
			or clogged SAS or	cesspool		outlet invert due to an overloaded
		\boxtimes	than 1/2 day flow			invert or available volume is less
		\boxtimes	Required pumping obstructed pipe(s).			st year <i>NOT</i> due to clogged or
		\boxtimes	Any portion of the S	SAS, cesspo	ool or privy is b	elow high ground water elevation.
		\boxtimes	Any portion of cess tributary to a surface			feet of a surface water supply or
		\boxtimes				one 1 of a public water supply
		\boxtimes	Any portion of a ces	sspool or pr	ivy is within 50	feet of a private water supply well.
			from a private wate system passes if t laboratory, for fec of ammonia nitrog	r supply we the well wa al coliform gen and nite other failure	II with no accepter analysis, publicateria indicate nitrogen is criteria are tr	100 feet but greater than 50 feet otable water quality analysis. [This erformed at a DEP certified rates absent and the presence s equal to or less than 5 ppm, riggered. A copy of the analysis this form.]
		\boxtimes	The system is a ces	-		h a design flow of 2000 gpd-
			criteria exist as des	cribed in 31 Ild contact the	0 CMR 15.303 ne Board of He	or more of the above failure , therefore the system fails. The alth to determine what will be
5)	design flo	ow of 10,0 systems,	000 gpd to 15,000 gp you must indicate eith	d.		nust serve a facility with a
	Yes	No	25			
			the system is within	400 feet of	a surface drink	king water supply
			the system is within	200 feet of	a tributary to a	surface drinking water supply
			the system is locate Area – IWPA) or a r			rea (Interim Wellhead Protection water supply well



Commonwealth of Massachusetts

Title 5 Official Inspection Form

Subsurface Sewage Disposal System Form - Not for Voluntary Assessments

20 Ranch Club Road				
Property Address				
Brendan Reilly				
Owner's Name				
Southwick	MA	01077	11/7/2024	
City/Town	State	Zip Code	Date of Inspection	

C. Inspection Summary (cont.)

If you have answered "yes" to any question in Section C.5 the system is considered a significant threat, or answered "yes" to any question in Section C.4 above the large system has failed. The owner or operator of any large system considered a significant threat under Section C.5 or failed under Section C.4 shall upgrade the system in accordance with 310 CMR 15.304. The system owner should contact the appropriate regional office of the Department.

6. You must indicate "yes" or "no" for each of the following for all inspections:

Yes	No	
\boxtimes		Pumping information was provided by the owner, occupant, or Board of Health
		Were any of the system components pumped out in the previous two weeks?
\boxtimes		Has the system received normal flows in the previous two week period?
	\boxtimes	Have large volumes of water been introduced to the system recently or as part of this inspection?
\boxtimes		Were as built plans of the system obtained and examined? (If they were not available note as N/A)
\boxtimes		Was the facility or dwelling inspected for signs of sewage back up?
\boxtimes		Was the site inspected for signs of break out?
\boxtimes		Were all system components, excluding the SAS, located on site?
\boxtimes		Were the septic tank manholes uncovered, opened, and the interior of the tank inspected for the condition of the baffles or tees, material of construction, dimensions, depth of liquid, depth of sludge and depth of scum?
		Was the facility owner (and occupants if different from owner) provided with information on the proper maintenance of subsurface sewage disposal systems? The size and location of the Soil Absorption System (SAS) on the site has been determined based on:
\boxtimes		Existing information. For example, a plan at the Board of Health.
\boxtimes		Determined in the field (if any of the failure criteria related to Part C is at issue approximation of distance is unacceptable) [310 CMR 15.302(5)]



Commonwealth of Massachusetts

20 Ranch Club Road						
Property Address						
Brendan Reilly Dwner's Name						
Southwick	MA	01077	11/7/2024			
City/Town	State	Zip Code	Date of Inspection	n		
D. System Information			·			
Residential Flow Conditions:						
Number of bedrooms (design): ?		Number of bed	drooms (actual):	4		
DESIGN flow based on 310 CMR 15.20	3 (for examp	ole: 110 gpd x #	of bedrooms):	-		
Description: System in working condition at time of it observed today and today only. There is system and how it will perform in the fut and the inspection results. Improper use the system. The inspector is not responsinformation given to the inspector.	s NO express ture. A chang e can adversl	sed or implied vole in flow conditionally impact the shape of the second in the second	varranty or guarantions may affect the nort and long term	tee of the septic	ie sys	tem
Number of current residents:				3		
Does residence have a garbage grinder	r?		[] Yes	\boxtimes	No
Does residence have a water treatment	unit?		[Yes	\boxtimes	No
If yes, discharges to:						
Is laundry on a separate sewage system information in this report.)	n? (Include la	aundry system i	nspection	Yes	\boxtimes	No
Laundry system inspected?				Yes		No
Seasonal use?				Yes	\boxtimes	No
Water meter readings, if available (last 2 Detail:	2 years usag	e (gpd)):	<u>F</u>	Private		
Sump pump?] Yes	\boxtimes	No
Last date of occupancy:			the state of the s	current ate		



Commonwealth of Massachusetts

	Ranch Club Road perty Address						
	endan Reilly						
So		IA 010		11/7/2024 Date of Inspe	ction		
D.	System Information (cont.)						
2.	Commercial/Industrial Flow Conditions:						
	Type of Establishment:						
	Design flow (based on 310 CMR 15.203):		Gallons per	day (gpd)			
	Basis of design flow (seats/persons/sq.ft., etc.)):	-				
	Grease trap present?				☐ Yes		No
	Water treatment unit present?				☐ Yes		No
	If yes, discharges to:						
	Industrial waste holding tank present?				☐ Yes		No
	Non-sanitary waste discharged to the Title 5 sy	/stem?			☐ Yes		No
	Water meter readings, if available:						
	Last date of occupancy/use:		Date				
	Other (describe below):						
3.	Pumping Records:						
	Source of information:	7/2024 APO					
	Was system pumped as part of the inspection?	•			Yes 🛛 1	No	
	If yes, volume pumped:	gallons					
	How was quantity pumped determined?	-					
	Reason for pumping:						



Commonwealth of Massachusetts

Pro	Ranch Club Ro	, and							
	endan Reilly ner's Name								
	uthwick		MA	01077	11/7/2024				
City	/Town		Zip Code	Date of Inspection					
D.	System Ir	nformation (cont.))						
4.	Type of Syste	em:							
		Septic tank, distribution	on box, soil abs	orption system	1				
		Single cesspool							
		Overflow cesspool							
		Privy							
		Shared system (yes o	or no) (if yes, att	ach previous i	inspection records, if any)				
			(to be obtained	from system	the current operation and owner) and a copy of latest der contract				
		Tight tank. Attach a co	opy of the DEP	approval.					
		Other (describe):							
	Ammondianata		-4-1-1-1-1-25						
		ige of all components, d	•	known) and so	ource of information:				
	2012 per plan	on file at Southwick BO	H						
	Were sewage	odors detected when ar	riving at the site	?	☐ Yes ☒ No				
5.	Building Sew	er (locate on site plan):							
	Depth below g	rade:		_	13 inches				
	Material of cor	nstruction:							
	cast iron	⊠ 40 PVC	other (e	xplain): —					
	Distance from	private water supply we	Il or suction line	: fee	ȣ				
	Comments (or	condition of joints, vent	ting, evidence o	f leakage, etc.	.):				
	Plumbing in good condition at time of inspection. Joints and hangers in good condition. No evidence of leakage. Venting normal.								



Commonwealth of Massachusetts

	Ranch Club Road					
	perty Address endan Reilly					
	ner's Name					
Sol	uthwick		MA	01077	11/7/202	24
	/Town		State	Zip Code	Date of Ins	
D.	System Info	rmation (cont.)				
6.	Septic Tank (local	ate on site plan):				
	Depth below grad	e:			inches. Rise eet	r above grade
	Material of constru	uction:				
	⊠ concrete	metal metal	☐ fiberglass	□р	olyethylene	other (explain)
	If tank is metal, lis	it age:		У	ears	
		by a Certificate of Co	ompliance? (attac	h a copy of	f certificate) 5.5x10x5	☐ Yes ☐ No
	Dimensions:			3.381083		
	Sludge depth:				<5"	
	Distance from top	of sludge to bottom	of outlet tee or ba	affle	25"	
	Scum thickness				<1"	
	Distance from top	of scum to top of ou	tlet tee or baffle		5"	
	Distance from bot	tom of scum to botto	m of outlet tee or	baffle	14"	
	How were dimens	ions determined?			Dip Tube	
	liquid levels as rel Liquid level equal	ated to outlet invert,	evidence of leaka es in good workir	age, etc.): ag conditior		n, structural integrity, e of leakage in or out



Commonwealth of Massachusetts

	Ranch Club Road								
	perty Address endan Reilly								
	ner's Name								
	uthwick		MA	01077	11/7/202				
_	/Town		State	Zip Code	Date of Ins	pection			
_	System Infor								
7.	Grease Trap (local								
	Depth below grade	:			feet				
	Material of construc	ction:							
	concrete	metal metal	fiberglass		polyethylene	other (explain):			
	Dimensions:								
	Scum thickness								
	Distance from top of scum to top of outlet tee or baffle								
	·								
	Distance from bottom of scum to bottom of outlet tee or baffle								
	Date of last pumping:								
	liquid levels as rela				baffle conditior	n, structural integrity,			
8.	Tight or Holding T	•	pumped at time o	of inspectio	n) (locate on s	ite plan):			
	Depth below grade	:							
	Material of construc	ction:							
	concrete	☐ metal	☐ fiberglass		polyethylene	other (explain):			
	Dimensions:		-						
	Capacity:			ilons					
			ga	noi ia					
	Design Flow:		ga	lons per day					



Commonwealth of Massachusetts

	Ranch Club Road					
	perty Address endan Reilly					
	ner's Name					
	uthwick //Town	MA State		11/7/	2024 f Inspection	
_	. System Information (cont.)	State	Zip Code	Date	ппоресион	
В.	Tight or Holding Tank (cont.)					
	Alarm present:		☐ Yes ☐	No		
	Alarm level:		Alarm in working	order:	☐ Yes	☐ No
	Date of last pumping:		Date			
	Comments (condition of alarm and float sw	ritches, e	etc.):			
	* Attach copy of current pumping contract ((required	l). Is copy attache	ed?	☐ Yes	☐ No
9.	Distribution Box (if present must be open	ed) (loca	ate on site plan):			
	Depth of liquid level above outlet invert		0" (Equal to)			
	Comments (note if box is level and distributevidence of leakage into or out of box, etc. Liquid level equal to outlet inverts. No evide level. Distribution box in good condition at the): ence of c	carryover. No Scu			



Commonwealth of Massachusetts

0 Ranch Cluroperty Address					
rendan Rei					
wner's Name			0.40		
outhwick ity/Town		MA State	01077 Zip Code	11/7/2024 Date of Inspe	action
	m Information (cont.)	Olato	zip oode	Date of mape	scuon
0. Pump C l	hamber (locate on site plan):				
Pumps in	n working order:			☐ Yes	☐ No*
Alarms in	working order:			☐ Yes	☐ No*
Commen	its (note condition of pump chan	nber, conditi	on of pumps and	appurtenan	ces, etc.):
S=====					
	orption System (SAS) (locate of the located) of located, explain why:				
-,,po.	leaching pits		number:		-
	leaching chambers		number:		-
	leaching galleries		number:		-
	leaching trenches		number, ler	ngth:	
	leaching fields		number, dir	mensions:	1@ 35'x50' +/-
	overflow cesspool		number:		-
	innovative/alternative systematics	em			
	Type/name of technology:				



Commonwealth of Massachusetts

20	Ranch Club Road									
	•									
		MA	01077	11/7/2024						
	vegetation, etc.): No evidence of hydraulic failure. Soil cleathow long the system will continue to oper	State	Zip Code	Date of Inspe	ction					
D.	System Information (cont.)									
11.	Soil Absorption System (SAS) (cont.)									
	Comments (note condition of soil, signs of	Comments (note condition of soil, signs of hydraulic failure, level of ponding, damp soil, condition of								
	<u> </u>									
				mal. No guarar	tee or warranty on					
	Thow long the system will continue to oper	ate property	y in the luture.							
	·									
12.	Cesspools (cesspool must be pumped a	Cesspools (cesspool must be pumped as part of inspection) (locate on site plan):								
	Number and configuration			3						
	Depth – top of liquid to inlet invert			-						
	Depth of solids layer									
	Depth of scum layer			-						
	Dimensions of cesspool			-						
	Materials of construction			-						
	Indication of groundwater inflow			☐ Yes	☐ No					
		f hydraulic 1	ailure, level of	ponding, cond	ition of vegetation,					
					8					



Commonwealth of Massachusetts

20 Ranch Club Road			
Property Address			
3rendan Reilly			
Owner's Name			
Southwick	MA	01077	11/7/2024
City/Town	State	Zip Code	Date of Inspection
D. System Information (cont.)			
13. Privy (locate on site plan):			
Materials of construction:			
Dimensions	= = = = = = = = = = = = = = = = = = = =		
Depth of solids	7		
Comments (note condition of soil, signs of etc.):	hydraulic	failure, level of	ponding, condition of vegetation,
3			



Commonwealth of Massachusetts

20 Ranch Club Road				
Property Address				
 Brendan Reilly Owner's Name				
Southwick		MA	01077	11/7/2024
City/Town		State	Zip Code	Date of Inspection
D. System Informat	ion (cont.)			
14. Sketch Of Sewage Disp Provide a view of the sevant landmarks or benchmark the building. Check one of the building of the land land land land land land land land	wage disposal sys ss. Locate all wells of the boxes below rea below	within 100	ling ties to at le) feet. Locate w	ast two permanent reference here public water supply enters



Commonwealth of Massachusetts

Title 5 Official Inspection Form Subsurface Sewage Disposal System Form - Not for Voluntary Assessments

20 Ranch Clu	ub Road				
Property Addres	s				
Brendan Reil	ly				
Owner's Name Southwick		N 4 A	04077	4417/0004	
City/Town		MA State	01077 Zip Code	11/7/2024 Date of Inspection	
	m Information (cont.)			200 01 110 000	
15. Site Exa	m:				
☐ Chec	k Slope				
Surfa	ce water				
⊠ Chec	k cellar				
⊠ Shall	ow wells				
Estimated	d depth to high ground water:		>4 feet		
Please in	dicate all methods used to detern	nine the hi	gh ground wate	r elevation:	
	Obtained from system design	plans on re	ecord		
	If checked, date of design plan	reviewed:	Date		
	Observed site (abutting proper	rty/observa	tion hole within	150 feet of SAS)	
	Checked with local Board of H	ealth - exp	lain:		
	Checked with local excavators	, installers	- (attach docur	nentation)	
	Accessed USGS database - ex	xplain:			

You must describe how you established the high ground water elevation:

Before filing this Inspection Report, please see Report Completeness Checklist on next page.

New system 2012



Commonwealth of Massachusetts

Title 5 Official Inspection Form

Subsurface Sewage Disposal System Form - Not for Voluntary Assessments

20 Ranch Club Road				
Property Address				
Brendan Reilly				
Owner's Name				
Southwick	MA	01077	11/7/2024	
City/Town	State	Zip Code	Date of Inspection	

E. Report Completeness Checklist

Complete all applicable sections of this form inclusive of:

- A. Inspector Information: Complete all fields in this section.
- B. Certification: Signed & Dated and 1, 2, 3, or 4 checked
- - 1, 2, 3, or 5 completed as appropriate
 - 4 (Failure Criteria) and 6 (Checklist) completed
- □ D. System Information:
 - For 8: Tight/Holding Tank Pumping contract attached
 - For 14: Sketch of Sewage Disposal System drawn on pg. 16 or attached
 - For 15: Explanation of estimated depth to high groundwater included

